Approved For Release 2007/01/17 : CIA-RDP81B00879R001000050027-1

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					10 May 1961	20/(1
			. *			
	MELORATE	N FOR THE RECO	RO			
	25X1A5A1	Exhaust Recov	ery Silencer			25X1
25X1A5A1	gameratos 5 and 6.	e was to be we	ed to preduce s submitted compa	ron the enhance of team for heating rutive cost estin		
	three est a small s associate	aust recovery stal structure d requirements	silencers, nece to house two l	50 horsepower bot ted that this sys	fitting including	
	on existi	ng building on t approximately	nsisting of thr y \$60,00 thus e	on independent to se 150 horsepower (fecting a saving adividuals had a	beilers. This is of \$54,000.	
25X1A5A1				h a decision on t		٦
25X1A5	A1					
25X1A5A1	A review				under method one	
	po brocer	ed at a cost of	f \$3,000 each a	re total of \$9.0	cers would have to	
	gallon fu	el tenk et a co	out of \$1,200 w	ne also included secon berebiance	for the two 150	
	bellens e	nt let ed blan	on the tank fee		rs. Several other	25X1A
25X1A5A1	estimate es saving failed to	mould be elimin to by	mated as not ne was reduced sideration the	to \$42,000.	e \$54,000 reported	(1A5A1
		st recovery si	CLODE			
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DPD-DD/P

- 3. The steam produced by one generator with an 800 KW load is 1,000 pounds per hour. As the electric load is increased the amount of steam will be increased. It requires one gallon of fuel to produce 100 pounds of steam per hour. Therefore, for each 1,000 pounds of steam produced from the recovery silencer there is a saving of ten gallons of fuel. In one year this amounts to 10 X 24 X 365 or 87,600 gallons of heating fuel saved by the use of only one generator. If all three generators are required to most the electric demand the heating fuel saved will be three times as much.
- h. During the six months of the year when heating of the hangers will not be required the steam generated by one enhant recovery silencer will produce the 1,000 pounds of steam per hour required for the laboratory thus eliminating the need for boilar firemen for six months of the year.

 25X1A5A1

5. After a very methods submitted by fuel and man-hours sa	ekir	ig into accou	es of the two nt the amount o o proceed with	rf
			ons Engineer	

25X1A9A

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25X1A9A

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